

American Maglev Technology, Inc.

**Presentation to
Maglev Development Task Force
October 11, 2007**



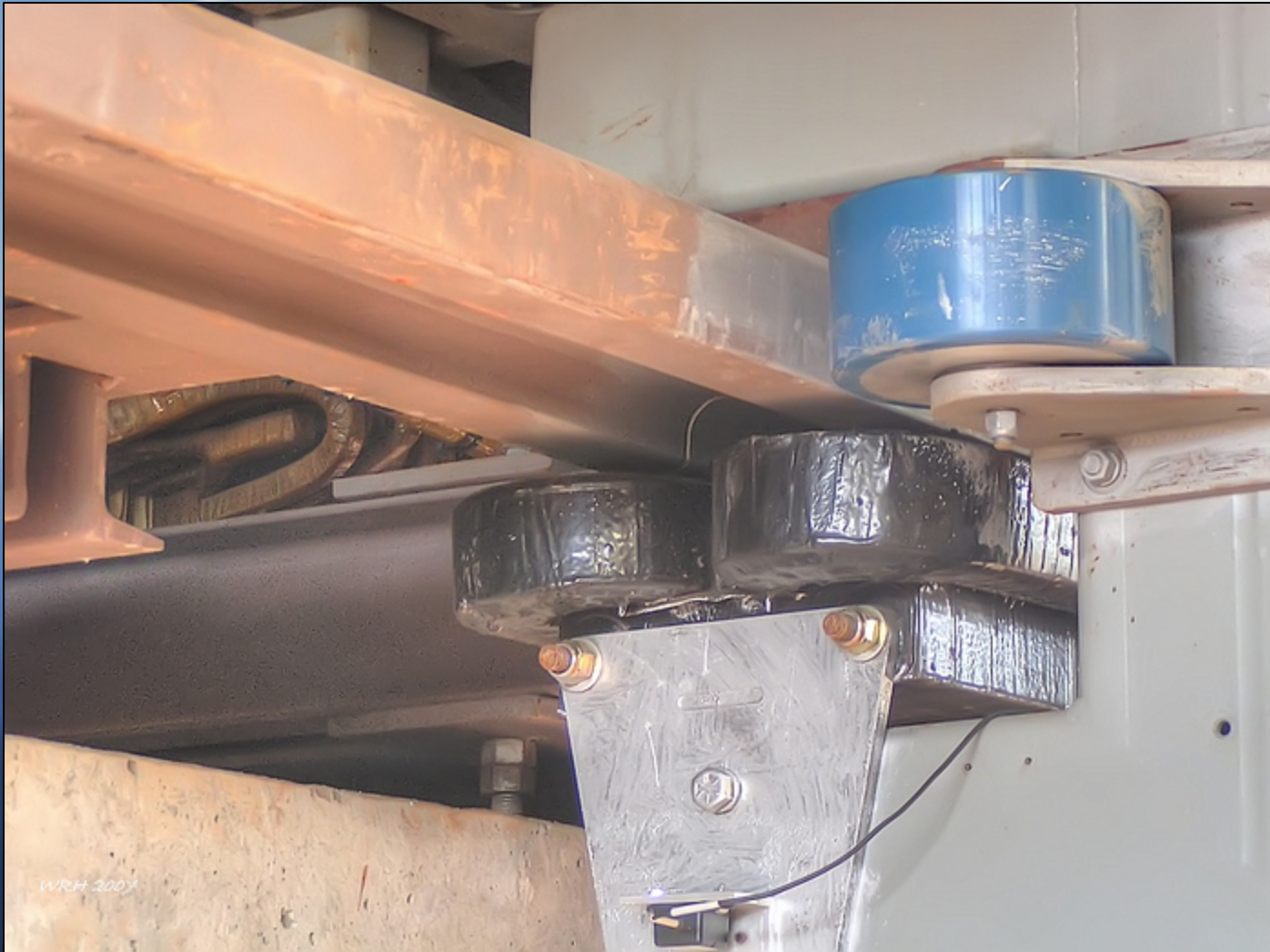


An Integrated System

- Our focus has been on passenger service.
- The freight container logistics opportunity is a significant source of revenue to support next generation transportation.
- This next generation system will carry **both passengers and freight**.

This presentation focuses on the freight opportunity only!





AMT >>
Most Benefit for the Future



WRH 2007

AMT 
Most Ready for the Future



AMT >>
Most Benefit for the Future

Operating Costs

- Half power, half people
- Cruise for 80KW (\$9 / hour)
- Zero to 60MPH for a quarter net.
- Energy cost per month is \$9000 per car based on 10 minute headways and 20 hour days.

Operating cost can be covered by the freight charges, which is unique!

Safety Standards

- **Safety Certification**

- US Department of Transportation/Federal Transit Administration (USDOT/FTA) Standards

- **Standards**

- American Society of Civil Engineers/Automated People Mover Standards (ASCE/APMS)
 - American Association of State Highway and Transportation Officials (AASHTO)
 - American National Standards Institute (ANSI)
 - Institute of Electrical (IEEE)
 - National Fire Protection Association (NFPA)
 - Americans with Disabilities Act (ADA)

The Need for Speed

- Technology is proven for passengers and freight in a 60MPH environment.
- May be **too fast** for freight service logistics.
- Technology components load designed to 150MPH. Systems simulated up to 300MPH.
- The American Maglev Technology Development Plan grows the technology competency and grows the system while we grow the Company.
- We have the financial and technical resources to support our TDP.

When there is a need for 200MPH speed, we will be there.

Environmental Mitigation and Mobility Initiative (EMMI)



Los Angeles EMMI Project

- Huge growth in containers at SPB Ports.
- 17M to 44M by 2030.
- Environmental Alarm has been sounded.
- Population growth of 6M during this time.

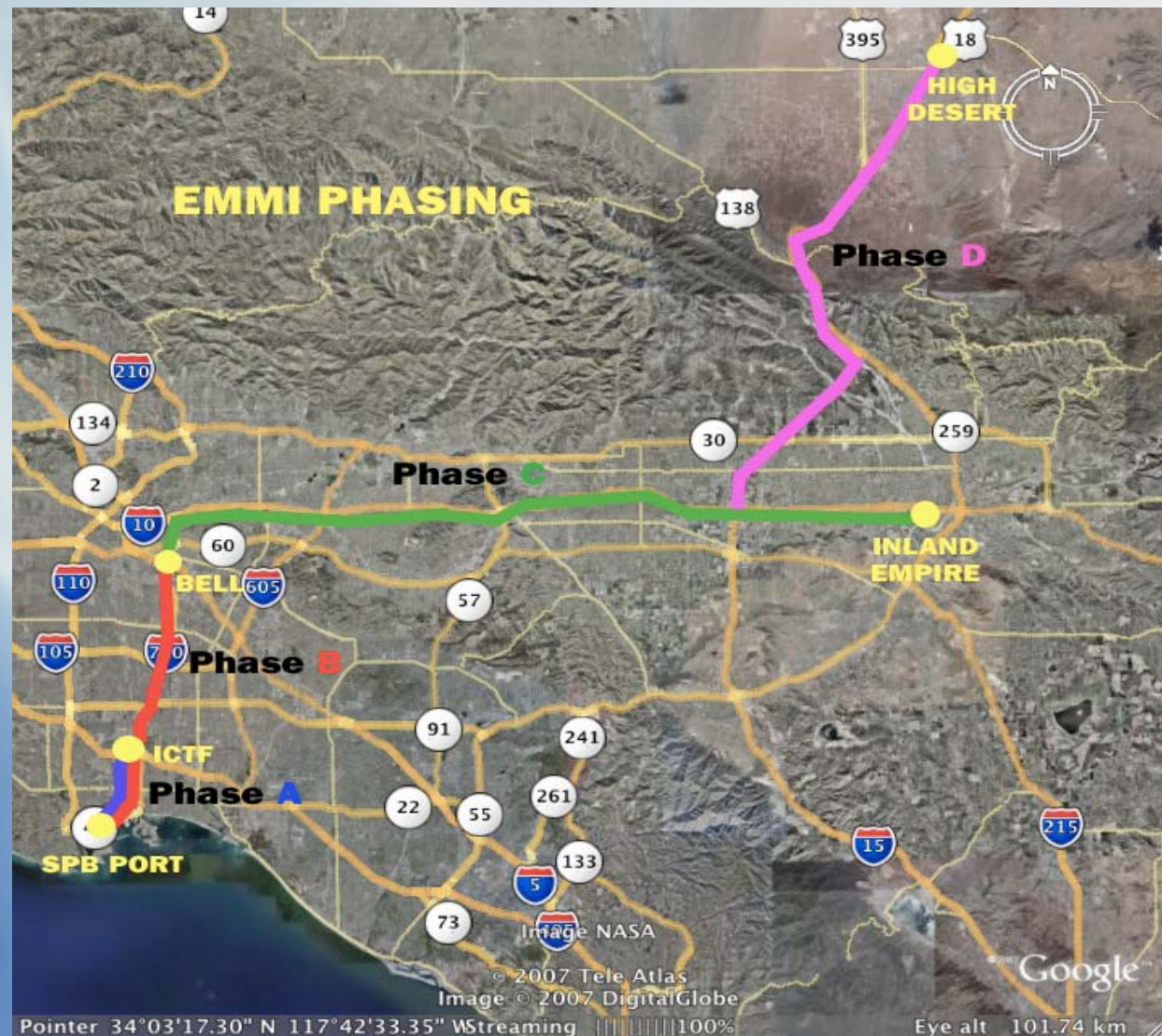
Sustainability is a HUGE challenge.

Sustainability is the Challenge

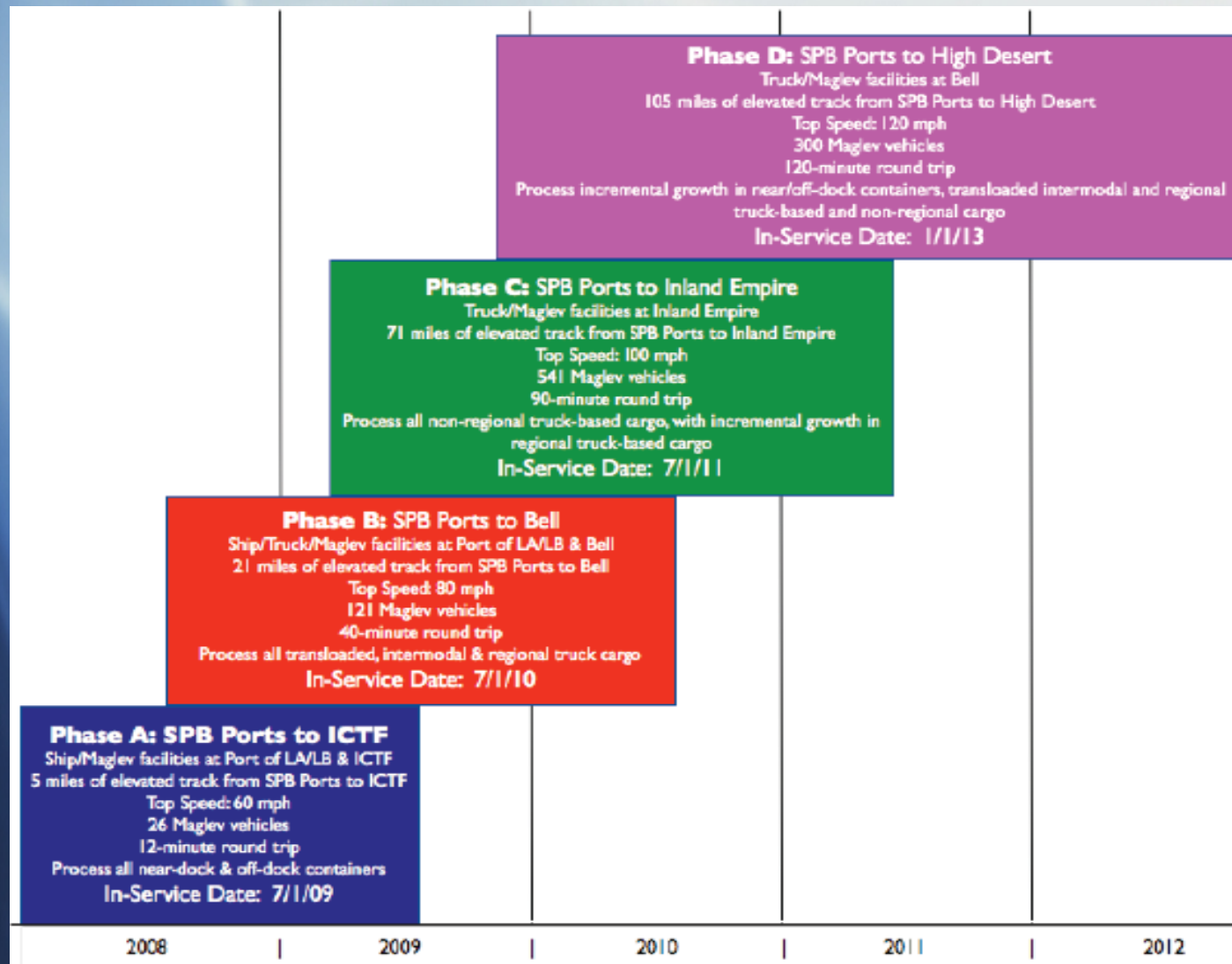
- Growth Sustainability.
- Health Sustainability.
- Economic Sustainability.



EMMI Cargo Routes



An Aggressive Development Plan

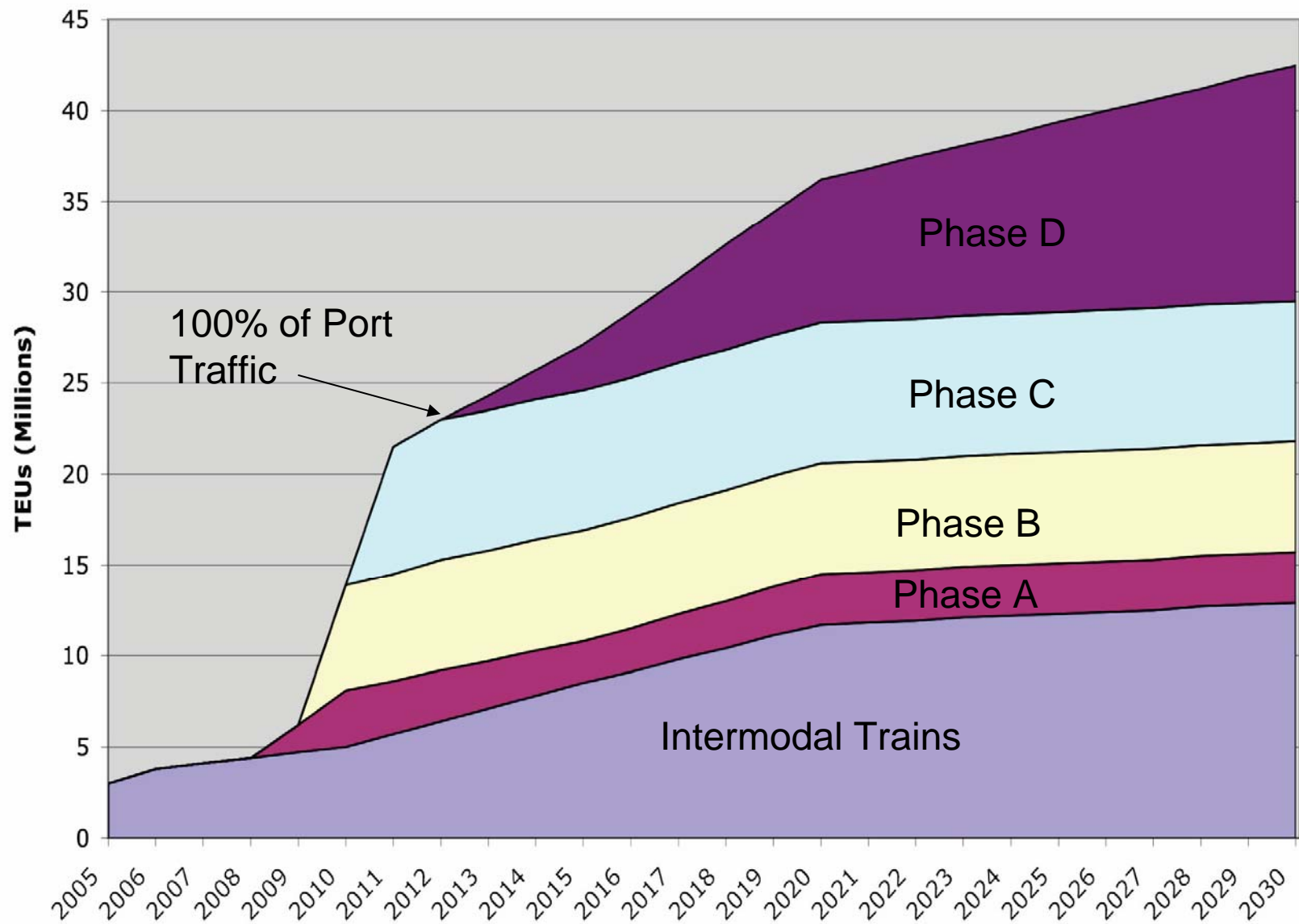


EMMI Initial Costs

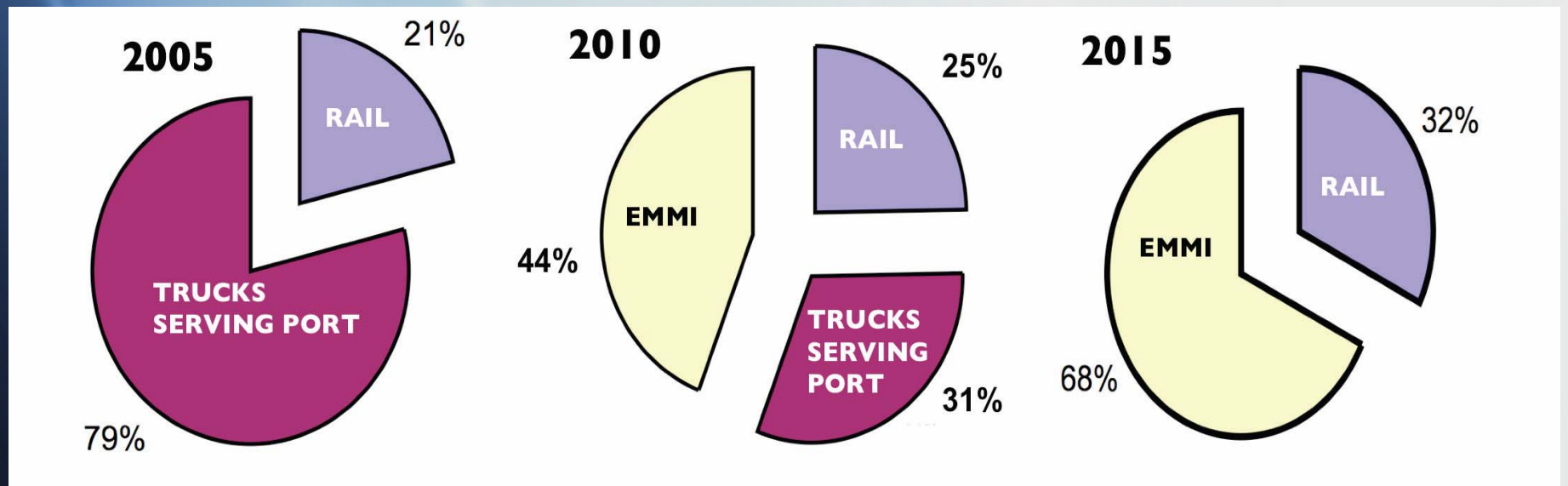
Capital Cost	Phase A	Phase B	Phase C	Phase D
Guideway	\$ 31,639,537	\$ 138,932,989	\$ 469,725,819	\$ 297,713,547
G,S, & C*	19,400,640	65,875,200	\$ 208,435,200	\$ 134,304,000
Facilities	20,000,000	84,000,000	\$ 284,000,000	\$ 180,000,000
Vehicles	65,000,000	302,500,000	\$ 1,352,500,000	\$ 92,500,000
Fees	25,167,433	109,392,015	\$ 428,212,289	\$ 130,335,746
Total	\$ 161,207,610	\$ 700,700,204	\$ 2,742,873,308	\$ 834,853,294

**Project CAPEX - \$ 4.4
Billion**

TEUs by EMMI Phase



EMMI Decongests the Ports

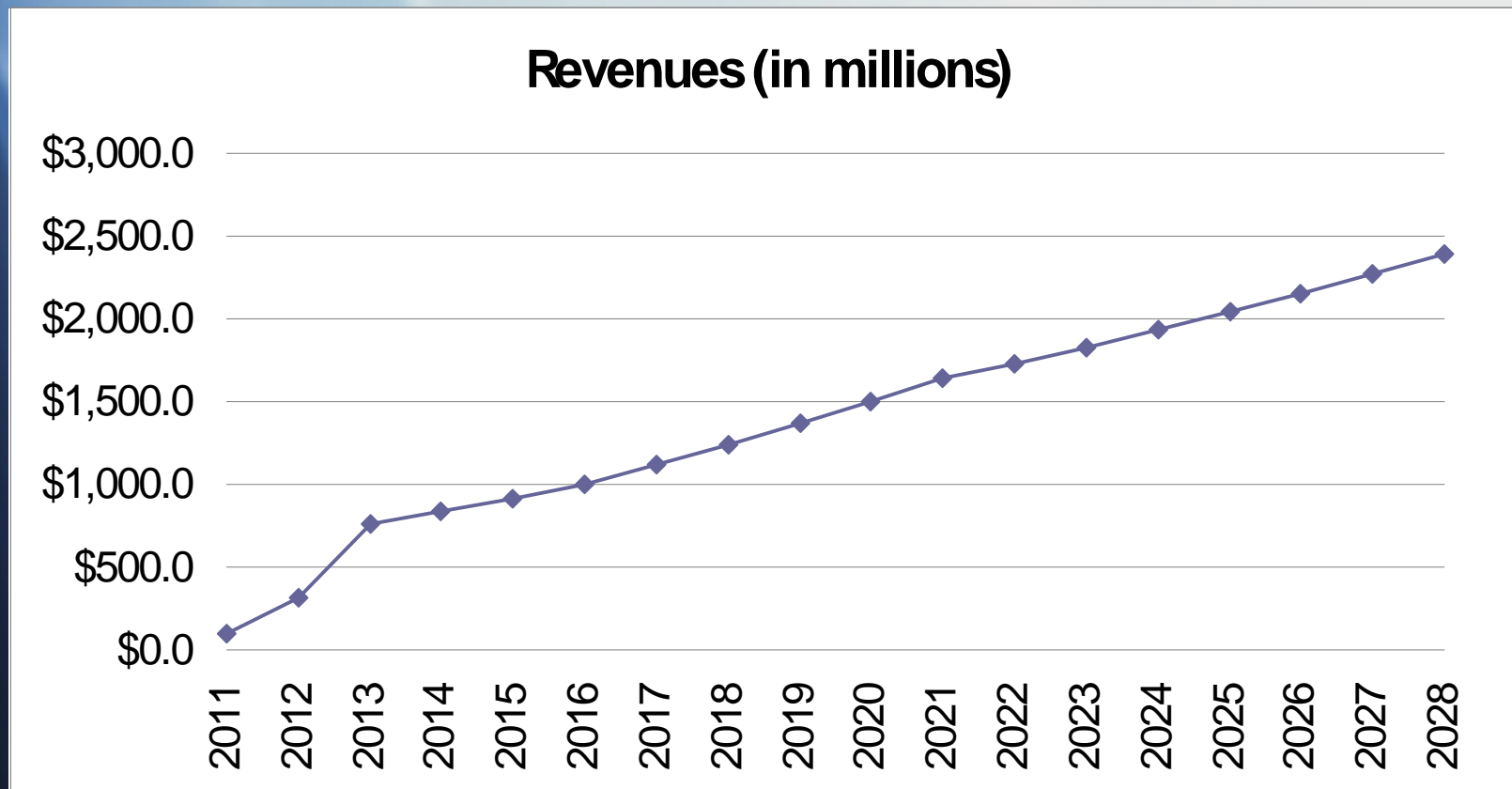


Trucks are still needed, but the trip efficiencies are enhanced.

Pricing is Competitive

<u>Phase: Destination</u>	<u>2007 RT Price</u>	<u>2011 RT Price</u>
A: ICTF	\$150	\$122
B: Bell	\$225	\$122
C: Inland Empire	\$275	\$197
D: High Desert	\$300	\$233

EMMI Project Revenues



Phase A Benefits

- 1.7M containers off the roads! 17M less truck miles in a very heavily congested area.
- Saves \$550M+ in tax dollars.
- 150,000 MT+ reduced emissions per year.
- 1.5M+ gallons of gasoline per year saved.
- 10+ lives lost to traffic accidents per year.
- Room for growth tomorrow.

Instant gratification.

Construction can start next year.

EMMI Phase A Summary

- Phase A Cost/Mile - \$ 31,265,031
- Operations start in 2009.
- Minimum Program Debt Coverage is very attractive (2.6)
- Investment Rate of Return = 20%
- Cash Flow to Equity = 45%

EMMI Project Summary

- Fully Operational in 2013
- Total Build-Out is \$4.4 Billion.
- Total System is 150 miles of double track.
- Cost/Mile is approximately \$29 million.
- 1000 vehicles moving in an automated system.

Areas of Strategic Partnership

- Intermodal Rail “Just in time” System
- “Just in time” logistics system.
- Automated transloading system.



**We have a shared
vision.**

